AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-2. (Canceled).

3. (Previously Presented) Method in accordance with claim 11, wherein the air jet is directed into the cabin from a ceiling area.

4. (Canceled).

5. (Previously Presented) Method in accordance with claim 11, wherein, as the temperature of the air jet rises, its impulse is increased.

6.-7. (Canceled).

8. (Currently Amended) Device in accordance with claim 22 [[7]], wherein the temperature sensor ~~component~~ includes a shape memory alloy.

9. (Currently Amended) Device in accordance with claim 22 [[7]], wherein the temperature sensor ~~component~~ has a bi-metallic element.

10. (Currently Amended) Device in accordance with claim 22 [[12]], further comprising:

a second temperature sensor adapted to measure the temperature of the air jet at a location spaced away from the guide pipe.

11. (Currently Amended) Method for air-conditioning an aircraft cabin, comprising:

directing at least one air jet into the aircraft cabin with a guide pipe;

measuring the temperature of the air jet with a temperature sensor having a temperature-dependent form; [[and]]

altering an angle ~~the direction and the impulse~~ of the air jet with respect to a vertical direction ~~depending upon the measured temperature, wherein the altering occurs~~ via rotation of ~~a structure including~~ a rotation device according to a change of form of the temperature sensor, wherein the angle of the air jet with respect to the vertical direction is continuously variable within a range of 10° to 90° based on the change of form of the temperature sensor such that, as the temperature of the air jet rises, the angle of the air jet is made smaller; and

altering an impulse of the air jet according to the change of form of the temperature sensor by changing a cross-section of an outlet in communication with the guide pipe.

12.-21. (Canceled).

22. (New) Device for air-conditioning an aircraft cabin comprising:

a rotation device;

a guide pipe adapted to direct at least one air jet into the aircraft cabin; and

a temperature sensor having a temperature-dependent form, the temperature sensor operating to:

measure the temperature of the at least one air jet,

actuate rotation of the rotation device to alter an angle of the air jet with respect to a vertical direction, wherein the angle of the air jet is continuously variable within a range of 10° to 90° based on a change of form of the temperature sensor, such that, as the temperature of the air jet rises, the angle of the air jet is made smaller, and

alter an impulse of the air jet according to the change of form of the temperature sensor by actuating a change in the cross-section of an outlet in communication with the guide pipe.